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Salamo, G.; Klotz, M.; Meng, H.; Anderson, R.J.; Heid, C.A.; Ketchel, B.P.; Wood G.L.;
Nonvolatile Memory Technology Conference, 1998. 1998 Proceedings. Seventh Biennial IEEE , 22-24 June 1998
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[Abstract] [PDF Full-Text (224 KB)] **IEEE CNF**

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7	BRS	L7	6	5 and nonlinear	USPAT	2003/09/24 13:55
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10	BRS	L11	2	10 and nonlinear	USPAT	2003/09/24 13:55
11	BRS	L12	6	10 and diffusion	USPAT	2003/09/24 14:02
12	BRS	L13	8	10 and diffus$	USPAT	2003/09/24 14:02
13	BRS	L14	5	13 and threshold$	USPAT	2003/09/24 14:03
14	BRS	L15	1	14 and dvd	USPAT	2003/09/24 14:03
15	BRS	L10	63	5 and (image or images)	USPAT	2003/09/24 14:06

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2	☒	☐	US 6609175 B1	20030819	136
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7	☒	☐	US 6546452 B2	20030408	137
8	☒	☐	US 6530037 B2	20030304	134
9	☒	☐	US 6507545 B2	20030114	19
10	☒	☐	US 6483735 B1	20021119	58

		Title	Current OR	Current XRef	Retrieval Classif
1		Flying type optical head integrally formed with light source and photodetector and optical disk apparatus with the same	369/112.01	369/112.07; 369/44.23	
2		Information recording method, information recording device, and information storage medium	711/112	711/203	
3		Information recording method apparatus and storage medium for recording information length as part of file entry information	711/112	711/4; 714/7; 714/8	
4		Information recording method apparatus and storage medium for recording information length and file type as part of file entry information	711/4	711/112	
5		Optical recording medium and optical recording and reading method using the same	428/64.1	428/64.4; 428/64.8; 430/270.14	
6		Information recording device and a method of recording information by setting the recording area based on contiguous data area	711/112	711/4; 714/8	
7		Information recording device and a method of recording information based on a relationship between an application layer, file system layer, and an optical disk drive layer	711/4	711/112; 711/203	
8		Information recording device and a method of recording information by setting the recording area based on contiguous data area	714/8	711/112; 711/4	
9		Method for data reading/writing using an optical carrier with pattern information pits	369/47.16	369/275.1; 369/47.1; 369/59.1	
10		Two-photon, three-or four-dimensional, color radiation memory	365/119	365/127	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	Shimano, Takeshi et al.	☒	☐	☐	☐	☐	☐	☐	US 6611487	☐
2	Ando, Hideo et al.	☐	☐	☐	☐	☐	☐	☐	US 6609175	☐
3	Ando, Hideo et al.	☐	☐	☐	☐	☐	☐	☐	US 6594725	☐
4	Ando, Hideo et al.	☐	☐	☐	☐	☐	☐	☐	US 6571309	☐
5	Noguchi, Soh et al.	☐	☐	☐	☐	☐	☐	☐	US 6558768	☐
6	Ando, Hideo et al.	☐	☐	☐	☐	☐	☐	☐	US 6549976	☐
7	Ando, Hideo et al.	☐	☐	☐	☐	☐	☐	☐	US 6546452	☐
8	Ando, Hideo et al.	☐	☐	☐	☐	☐	☐	☐	US 6530037	☐
9	Levich, Eugene et al.	☐	☐	☐	☐	☐	☐	☐	US 6507545	☐
10	Rentzepis, Peter M.	☐	☐	☐	☐	☐	☐	☐	US 6483735	☐

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11	☒	☐	US 6449221 B1	20020910	95
12	☒	☐	US 6411587 B1	20020625	48
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14	☐	☐	US 6329139 B1	20011211	194
15	☒	☐	US 6243350 B1	20010605	110
16	☒	☐	US 6212137 B1	20010403	37
17	☒	☐	US 6185177 B1	20010206	28
18	☒	☐	US 6147959 A	20001114	14
19	☒	☐	US 6125095 A	20000926	30
20	☒	☐	US 5995474 A	19991130	29
21	☒	☐	US 5898607 A	19990427	15

	Title	Current OR	Current XRef	Retrieval Classif
11	Storage media for optical storage systems	369/13.35	369/13.4; 369/283; 369/286; 428/64.3; 428/694ML	
12	Optical pickup optical system, optical pickup apparatus, coupling optical system, coupling optical system lens and recording/reproduction apparatus	369/112.01	369/112.2; 369/44.12; 369/44.23	
13	Holographic storage medium having enhanced temperature operating range and method of manufacturing the same	359/3	359/11; 359/22; 359/27; 359/35; 359/7; 365/125	
14	Automated sorting system for matrices with memory	435/6	209/597; 209/604; 702/19; 702/20	
15	Optical storage systems with flying optical heads for near-field recording and reading	369/126	369/112.24; 369/44.23; 369/44.24	
16	Magneto-optical recording medium by magnetic field modulation with the use of smaller magnetic fields	369/13.35	369/13.18; 428/694ML	
17	Flying type optical head integrally formed with light source and photodetector and optical disk apparatus with the same	369/300	369/44.14	
18	Method and apparatus for recording/reproducing information utilizing near field light	369/126		
19	Luminescent recording layer holding a plurality of positive or negative charges	369/126	252/301.17; 369/284; 369/288; 428/917	
20	Flying type optical head integrally formed with light source and photodetector and optical disk apparatus with the same	369/13.32	369/44.12	
21	Recording/reproducing method and recording/reproducing apparatus	365/106	365/112	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
11	Knight, Gordon R. et al.	☐	☐	☐	☐	☐	☐	☐	US 6449221	☐
12	Arai, Norikazu et al.	☐	☐	☐	☐	☐	☐	☐	US 6411587	☐
13	Curtis, Kevin R. et al.	☐	☐	☐	☐	☐	☐	☐	US 6348983	☐
14	Nova, Michael P. et al.	☒	☐	☐	☐	☐	☐	☐	US 6329139	☐
15	Knight, Gordon R. et al.	☐	☐	☐	☐	☐	☐	☐	US 6243350	☐
16	Nakajima, Junsaku	☐	☐	☐	☐	☐	☐	☐	US 6212137	☐
17	Shimano, Takeshi et al.	☐	☐	☐	☐	☐	☐	☐	US 6185177	☐
18	Ohyama, Junji	☐	☐	☐	☐	☐	☐	☐	US 6147959	☐
19	Gemma, Nobuhiro et al.	☐	☐	☐	☐	☐	☐	☐	US 6125095	☐
20	Shimano, Takeshi et al.	☐	☐	☐	☐	☐	☐	☐	US 5995474	☐
21	Saito, Toshiro et al.	☐	☐	☐	☐	☐	☐	☐	US 5898607	☐

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22	☒	☐	US 5838467 A	19981117	5
23	☒	☐	US 5808973 A	19980915	15
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26	☒	☐	US 5715226 A	19980203	29
27	☒	☐	US 5610897 A	19970311	105
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29	☒	☐	US 5548660 A	19960820	11
30	☒	☐	US 5519853 A	19960521	25
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33	☒	☐	US 5408536 A	19950418	
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35	☒	☐	US 5359713 A	19941025	

	Title	Current OR	Current XRef	Retrieval Classif
22	Method for processing information stored in a holographic system	359/3	359/32	
23	Near field recording and reproducing apparatus	369/14	369/126	
24	Method and apparatus for magneto-optical recording or reproducing using modulated magnetic field	369/13.54	369/111; 369/13.13; 369/13.28; 369/47.47; 369/91	
25	Systems and apparatus for electronic communication and storage of information	709/229	709/217	
26	Flying type optical head integrally formed with light source and photodetector and optical disk apparatus with the same	369/13.32	369/112.27; 369/122; 369/44.14	
27	Optical information reproducing apparatus	369/124.03		
28	Multi-color information encoding system	380/51	235/494; 380/55; 713/179	
29	Machine security systems	382/116	340/5.52; 340/5.84	
30	Method and apparatus for enhancing synchronous I/O in a computer system with a non-volatile memory and using an acceleration device driver in a computer operating system	713/400	711/136; 711/167	
31	Focus error detecting method and optical head using the same	369/44.23	369/112.02; 369/112.05; 369/44.12	
32	Flying type optical head integrally formed with light source and photodetector and optical disk apparatus with the same	369/44.12	369/112.07; 369/112.12; 369/44.14	
33	Machine security systems	382/115	340/5.52; 340/5.74	
34	Multi-color information encoding system	235/469	235/468	
35	Method and apparatus for enhancing synchronous I/O in a computer system with a non-volatile memory and using an acceleration device driver in a computer operating system	710/52	706/925	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
22	Curtis, Kevin Richard et al.	☐	☐	☐	☐	☐	☐	☐	US 5838467	☐
23	Tanaka, Yoichiro	☐	☐	☐	☐	☐	☐	☐	US 5808973	☐
24	Miyake, Tomoyuki et al.	☐	☐	☐	☐	☐	☐	☐	US 5774428	☐
25	Saigh, Michael M. et al.	☐	☐	☐	☐	☐	☐	☐	US 5734823	☐
26	Shimano, Takeshi et al.	☐	☐	☐	☐	☐	☐	☐	US 5715226	☐
27	Yamamoto, Masakuni et al.	☐	☐	☐	☐	☐	☐	☐	US 5610897	☐
28	Shamir, Harry A.	☐	☐	☐	☐	☐	☐	☐	US 5568555	☐
29	Lemelson, Jerome H.	☐	☐	☐	☐	☐	☐	☐	US 5548660	☐
30	Moran, Joseph P. et al.	☐	☐	☐	☐	☐	☐	☐	US 5519853	☐
31	Matsumoto, Kiyoshi et al.	☐	☐	☐	☐	☐	☐	☐	US 5511050	☐
32	Shimano, Takeshi et al.	☐	☐	☐	☐	☐	☐	☐		☐
33	Lemelson, Jerome H.	☐	☐	☐	☐	☐	☐	☐		☐
34	Shamir, Harry	☐	☐	☐	☐	☐	☐	☐		☐
35	Moran, Joseph P. et al.	☐	☐	☐	☐	☐	☐	☐		☐

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38	☒	☐	US 5202929 A	19930413	
39	☒	☐	US 5177732 A	19930105	17
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47	☒	☐	US 4775969 A	19881004	
48	☒	☐	US 4755889 A	19880705	

	Title	Current OR	Current XRef	Retrieval Classif
36	Storage medium, storage method and stored information reading method	365/153	365/122; 365/129	
37	Information distribution system	705/53	379/55.1; 380/281; 455/558; 725/122; 725/2; 725/31	
38	Data system and method	382/116	340/5.74	
39	Optical recording using an agglomerating recording medium which changes reflectivity upon recording	369/100	369/275.5; 369/284	
40	Closed loop ski simulation and instructional system	434/253	482/146; 482/4; 482/71; 482/8; 482/902	
41	Laser-amplified motion detector and method	369/69	356/237.2; 356/4.09; 356/614; 369/121; 369/53.15; 369/53.26; 372/9	
42	Optical information storage apparatus	368/218	365/127	
43	Polarizing beam splitter using dielectric multilayers	369/110.02	359/483; 359/495; 369/112.19; 369/13.29	
44	Polymers and dye combinations and methods for their use in optical recording	365/127	365/120; 365/121	
45	Alternate storage areas in magnetooptical media	360/48	369/59.25	
46	Methods and compositions for recording optical information employing molecular pseudorotation	365/121	365/107	
47	Optical disk storage format, method and apparatus for emulating a magnetic tape drive	369/53.1	360/48; 360/72.2; 369/100; 369/111; 369/30.07	
48	Audio and video digital recording and playback system	360/32	386/34; 386/40	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
36	Kaneko, Norio et al.	☐	☐	☐	☐	☐	☐	☐		☐
37	Sprague, Peter J. et al.	☐	☐	☐	☐	☐	☐	☐		☐
38	Lemelson, Jerome H.	☐	☐	☐	☐	☐	☐	☐		☐
39	Lee, Neville et al.	☐	☐	☐	☐	☐	☐	☐	US 5177732	☐
40	Furtado, Matthew P. et al.	☐	☐	☐	☐	☐	☐	☐		☐
41	Bearden, Alan J. et al.	☐	☐	☐	☐	☐	☐	☐		☐
42	Ohtomo, Junichi	☐	☐	☐	☐	☐	☐	☐		☐
43	Korth, Hans-Erdmann	☐	☐	☐	☐	☐	☐	☐		☐
44	Michl, Josef et al.	☐	☐	☐	☐	☐	☐	☐		☐
45	Kulakowski, John E. et al.	☐	☐	☐	☐	☐	☐	☐		☐
46	Michl, Josef et al.	☐	☐	☐	☐	☐	☐	☐		☐
47	Osterlund, Steven W.	☐	☐	☐	☐	☐	☐	☐		☐
48	Schwartz, David M.	☐	☐	☐	☐	☐	☐	☐		☐

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52	☒	☐	US 4374077 A	19830215	
53	☒	☐	US 4325093 A	19820413	
54	☒	☐	US 4301486 A	19811117	
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56	☒	☐	US 4291353 A	19810922	
57	☒	☐	US 4291346 A	19810922	
58	☒	☐	US 4290088 A	19810915	
59	☒	☐	US 4279623 A	19810721	
60	☒	☐	US 4272795 A	19810609	
61	☒	☐	US 4272793 A	19810609	

	Title	Current OR	Current XRef	Retrieval Classif
49	Audio and video digital recording and playback system	360/32	360/8; 386/39; 386/40	
50	Audio digital recording and playback system	360/32		
51	Optical recording method and apparatus utilizing polymeric birefringent materials	365/120	365/121	
52	Process for making information carrying discs	264/1.33	264/106; 264/175; 522/167; 522/170; 522/99	
53	Magnetic head transducer having enhanced signal output and manufacturing method therefor	360/120	29/603.17; 29/603.2; 360/119; 360/122; 360/125	
54	System for recording information on a flexible information storage media	360/60	360/122; 360/133; 360/78.04; 360/99.05	
55	Recording cartridge having a flat smoothing plane with a raised portion	360/135	360/133	
56	System and method for cleaning a magnetic head transducer	360/128	360/133; 360/137; 360/99.01	
57	Optoelectronic system for determining the position of a magnetic head transducer on a flexible magnetic recording disc	360/75	360/77.02; 360/77.03; 360/78.08	
58	System and method for erasing information from a flexible information storage media	360/66	360/75	
59	Method of contouring the recording surface of a magnetic head transducer	451/5	29/559; 451/41	
60	Information storage system and recording cartridge having precise alignment features	360/99.05	360/133; 360/60	
61	System and method for positioning a magnetic head transducer on a flexible storage media	360/78.08	360/133; 360/78.11; 360/78.13; 360/99.01	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
49	Schwartz, David M.	☐	☐	☐	☐	☐	☐	☐		☐
50	Schwartz, David M.	☐	☐	☐	☐	☐	☐	☐		☐
51	Michl, Josef et al.	☐	☐	☐	☐	☐	☐	☐		☐
52	Kerfeld, Donald J.	☐	☐	☐	☐	☐	☐	☐		☐
53	Ishii, Kaoru	☐	☐	☐	☐	☐	☐	☐		☐
54	Brown, Sheldon H. et al.	☐	☐	☐	☐	☐	☐	☐		☐
55	Garcia, Jr., Felix et al.	☐	☐	☐	☐	☐	☐	☐		☐
56	Fletcher, Robert L. et al.	☐	☐	☐	☐	☐	☐	☐		☐
57	Beecroft, Harold J. et al.	☐	☐	☐	☐	☐	☐	☐		☐
58	Beecroft, Harold J.	☐	☐	☐	☐	☐	☐	☐		☐
59	Bealle, John	☐	☐	☐	☐	☐	☐	☐		☐
60	Davis, Jr., Max G. et al.	☐	☐	☐	☐	☐	☐	☐		☐
61	Van Landingham, Richard D.	☐	☐	☐	☐	☐	☐	☐		☐

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62	☒	☐	US 4223187 A	19800916	
63	☒	☐	US 3803352 A	19740409	

	Title	Current OR	Current XRef	Retrieval Classif
62	Method and apparatus for recording and reproducing a video-disc with an oscillated track	369/121	250/202; 347/253; 360/77.06; 369/111; 386/125	
63	VIDEO INFORMATION STORAGE AND RETRIEVAL SYSTEM	386/131	348/458	

	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
62	Yonezawa, Seiji et al.	☐	☐	☐	☐	☐	☐	☐		☐
63	Goldberger, Arnold	☐	☐	☐	☐	☐	☐	☐		☐